

SOV/122-59-4-6/28

A Series of Broad V-Belts for Infinitely Variable Speed
Transmissions

with cross-sections tabulated in Table 1 amounts to 34°. The series of lengths approved for production is shown in Table 2. The maximum power transmitted by the belt section at a speed of 20 m/sec is given in Table 3. At 5 m/sec belt speed, a correction coefficient of 0.31 is applied; at 30 m/sec, a coefficient of 0.72.

Card 2/2

There are 3 tables.

ZHED', V.P., kand. tekhn. nauk, Prinsipali uchastiye: BASS, G.S., inzh.;
VOROB'YEV, I.I., kand. tekhn. nauk; YELISAVETSKIY, A.G., inzh.;
PAVLOVA, M.A., st. inzh.; SHEYNBERG, S.A., doktor tekhn. nauk;
LUK'YANOV, A.K., red.; VIKTOROVA, Z.N., tekhn. nauk

[Units and mechanisms of machine tools; survey of foreign design]
Uzly i mekhanizmy metallorazhushchikh stankov; obzor zarubezhnykh
konstruktsii. Moskva, TSentr. in-t nauchno-tekhn. informatsii,
1961. 53 p. (MIRA 14:11)

(Machine tools--Design and construction)

VOROB'YEV, I.I.

Overall mechanization of railroad station post offices. Vest.
svyazi 20 no.1:22-25 Ja '60. (MIRA 13:5)

1. Nachal'nik otdela proyektirovaniya predpriyatiy pochtovoy
svyazi i mekhanizatsii "Giprosvyazi."
(Postal service)

VOROB'YEV, I.M., inzh.

Kinetic study of the process taking place on platinum electrodes
in hypochlorite solutions. Trudy LTITSBP no.10:65-74 '62.

(MIRA 16:8)

(Electrodes, Platinum)

(Hypochlorite)

FLIS, I.Ye.; VOROB'YEV, I.M.

Use of titanium electrode in the quinhydrone method of determination of pH of solutions. Zav.lab. 29 no.5:538-540 '63. (MIRA 16:5)

1. Leningradskiy tekhnologicheskij institut tsellyulozno-bumazhnoy promyshlennosti.

(Quinhydrone) (Electrodes, Titanium)
(Hydrogen-ion concentration) (Potentiometric analysis)

VOROB'YEV, I.M.

Increase in the operational stability of radio receiving
devices. Vest. svyazi 25 no.1:12-14 Ja '65. (MIRA 18:4)

1. Glavnyy spetsialist otдела radiosvyazi GRU Ministerstva
svyazi SSSR.

VOROB'YEV, I.M., inzh.; FLIS, I.Ye., doktor khim. nauk

Electrochemical behavior of titanium in hypochlorite solutions.
Trudy LTITSBP no.11:103-110 '62. (MIRA 16:10)

FLIS, I.Ye.; VOROB'YEV, I.M.

Electrochemistry of the oxidation-reduction processes in bleaching solutions and some other systems. Report No.3. Trudy LTITSBP no.12:50-64 '64.

Mechanism of oxidation potentials in the bleaching solutions of hypochlorites on platinum and titanium electrodes. Report No.4. Ibid.:65-81 (MIRA 18:8)

FLIS, I.Ye. (Leningrad); VOROB'YEV, I.M. (Leningrad); Prinimal uchastiye
VERT, Zh.L. (Leningrad)

Kinetic studies of processes taking place on the platinum electrode
in hypochlorite solutions. Zhur.fiz.khim. 37 no.8:1805-1812 Ag
'63. (MIRA 16:9)

1. Leningradskiy tekhnologicheskii institut tsellyulozno-bumazhnoy
promyshlennosti.

(Electrodes, Platinum) (Hypochlorites)

VOROB'YEV, I.N., zootekhnik.

~~XXXXXXXXXX~~
"Budeskalni" State Farm. Nauka i pered.ov. v sel'khoz. 7 no.3:27-29
'57. (MLRA 10:9)

(Latvia--Stock and stockbreeding)

124-11-12830

Translation from: Referativnyy Zhurnal, Mekhanika, 1957, Nr. 11, p. 76 (USSR)

AUTHOR: Vorobyev, I. N.

TITLE: Problems of the Theory of Devices Based on Convective Heat-Transfer Phenomena. (Nekotoryye voprosy teorii priborov, osnovannykh na ispol'zovanii yavleniya konvektivnoy teplootdachi)

PERIODICAL: Sb. rabot po avtomatike i telemekhanike, Moscow, AN SSSR, 1956, pp 94-104

ABSTRACT: Relative to calculations of automatic regulating systems, an attempt is made to introduce generalized heat-transfer criteria independent of the force causing the convection. (M. A. Azanova)

Card 1/1

VOROB'YEV, I.N.

32-7-29/49

AUTHORS

Ageykin D.I., Itskovich E.L., Vorob'yev I.N. (Deceased)

TITLE

New Construction of a Thermomagnetic Gas Analyzer Based Upon Oxygen.
(Novaya Konstruktsiya termomagnitnogo gazoanalizatora na kislorod-
-Russian)

PERIODICAL

Zavodskaya Laboratoriya, 1957, Vol 23, Nr 7, pp 852-858 (U.S.S.R.)

ABSTRACT

This device consists of a principal component (indicator) in which measuring of thermal magnetic convection is carried out, the electric elements being fitted to the interior of the lid. Inside there is a thermostatic cell with a magnetic system and measuring chamber with sensitive elements through which the gas to be analyzed passes. The device has a permanent magnet (made of "magniko" alloy), the magnetic conductor is made of "armko" iron, and the pole points made of "permendur" serve for the maintenance of a maximum field voltage. The magnetic system has "gabarites" having a great stability of magnetic field voltage as well as a hermetically closed chamber the interior of which is coated with lead. The indicator possesses two sensitive elements in the measuring chamber each having two heaters as extensions of the magnetic bridge. Here the position of the sensitive elements as well as that of the heater are fixed in proportion to the magnetic pole. By an increase of the oxygen content of the gas mixture thermomagnetic convection is increased. By means of this device it is thus possible to determine the number of oxygen molecules in the gas volume unit of the measuring chamber. In this way also partial pressure is determined.

Card 1/2

New Construction of a Thermomagnetic Gas Analyzer 32-7-29/49
Based Upon Oxygen.

There are no Illustrations.

ASSOCIATION Institute of Automation and Telemechanics, AN USSR.
(Institut avtomatiki i telemekhaniki Akademii nauk SSSR.)
AVAILABLE 3 Library of Congress.
Card 2/2

ACC NR: AP7000257 (A,N) SOURCE CODE: UR/0337/66/000/011/0046/0048

AUTHOR: Vorob'yev, I. P.

ORG: Far East Central Experimental Station (Dal'nevostochnaya
tsentral'naya eksperimental'naya baza)

TITLE: Deep-sea twin-rig catch [Fishing net towed by two vessels]

SOURCE: Rybnoye khozyaystvo, no. 11, 1966, 46-48

TOPIC TAGS: trawler, fishing ship, research ship, research ship
instrumentation/SRTR Shedar ship, SRTR Kastor ship, SRTR-400 ship

ABSTRACT: In 1965 the Far East Central Experimental Station tested experimental methods for fishing at 700 to 1000 m depths using two sets of coupled cables to pull the net. The rig, drawn between two ships, has 500-kg weights at each cable coupling and carries 50-kg side weights. The experiment was initially conducted from the trawlers SRTR "Kastor" and SRTR "Shedar," which were later replaced by the SRTR-400, a much improved ship. Trawlers participating in deep-sea fishing must be equipped with EGA-10 "Kal'mar" echo depth finders and with pneumatic line throwers. The ships work in pairs, one of each pair carrying a KPI-3M locator instrument. Orig. art. has: 3 figures.

SUB CODE: 13/ SUBM DATE: none

Card 1/1

UDC: 639.2.081.1

SHAPIRO, Izrail' L'vovich; VOROB'YEV, I.S., redaktor; GRYAZNOV, V.I.,
redaktor; KAPRALOVA, I.A.; ~~tekhnicheskiy redaktor.~~

[Technical and operational characteristics of calculating machines]
Tekhnicheskie i ekspluatatsionnye kharakteristiki schetnykh mashin.
Moskva, Gos.statisticheskoe izd-vo, 1955. 241 p. (MLRA 9:4)
(Calculating machines)

VOROB'YEV, I.T.; KOZLOV, I.I.

Eliminating pinion noise and torsional vibrations in the transmission of a motor vehicle with the V-shaped IAMZ engine. Avt. prom. 30 no.6:27-29 Je '64. (MIRA 17:12)

1. Yaroslavskiy motornyy zavod.

VOROB'YEV, I.T.; MALYSHEV, V.M.

Testing experimental specimens of the IAMZ gearboxes. Avt.prom.
28 no.8:28-29 Ag '62. (MIRA 16:3)

1. Yaroslavskiy motornyy zavod.
(Motor vehicles—Transmission devices)

VOROB'YEV, I.T.

Roadability of the IAAZ motortrucks equipped with arched tires.
Avt.prom. no.2:18-19 P '60.
(MIRA 13:5)

1. Yaroslavskiy motornyy zavod.
(Motortrucks)

VOHOBYEV, I. V. Prof

PA 31/49T29

USSR/Medicine - Rheumatism, Etiology
and Pathogenesis
Medicine - Anaphylaxis and Allergy
Nov 43

"The Pathogenesis of Rheumatic Allergies," Prof
I. V. Vozob'yev, Chair of Hosp Therapy, Tomsk
Med Inst (men) V. M. Molotov, 13 pp

"Xlin Med" Vol XXVI, No 11

In the acute state of rheumatism, increased
General, cardiovascular and combined reactions to
streptococci with relatively mild cutaneous in-
flammatory reaction are observed. Proliferative
stage of rheumatic process is accompanied by

31/49T29

USSR/Medicine - Rheumatism, Etiology
and Pathogenesis (Contd)
Nov 43

Pronounced local cutaneous inflammatory reaction
to streptococci. In the cicatric stage
characterized by rheumatic nodules, there is a
slight decrease in all types of rheumatic allergy.
Allergy tends to reappear in post-rheumatic period.
Relapses and long duration of rheumatic affliction
increase allergy. Sodium salicylate lowers the
anaphylactic manifestations in rheumatic allergy.
Streptococci lowers inclination of the
rheumatic patient to hyperergic inflammation but
at the same time increases his anaphylactoid
reactivity.

31/49T29

VOROB'YEV, I. V.

Vorob'yev, I. V. -- "Pathogenesis and physiotherapy of hypertonic disease,"
Sbornik trudov (Tomskiy oml. nauch.-issled. in-t fiz. metodov lecheniya i
kurortologii), Vol. VI, 1949, p.5-20

SO: u-5241, 17 December 1953, (Letopis 'zhurnal 'nykh Statey, No. 26, 1949).

7-10-1953
Kos. Special 7-10-1953
of Therapy (Hypertonic)
Research

VOROB'YEV, I. V.

Vorob'yev, I. V. -- "Histamine and spurred rye," Sbornik trudov (Tomskiy
obl. nauch.-issled. in-t fiz. metodov lecheniya i jurortologii), Vol VI, 1942,
p. 145-47

SO: u-5341, 17 December 1953, (Letopis 'zhurnal 'nykh Statcy, No. 26, 1949).

VOROB'YEV, I. V.

37586. Obshchiy etiopatogenez revmatizma. Trudy tomakogo med. in-ta im. Volotova.
T. XV. 1949, S. 257-67.

SO: Letopis' Zhurnal'nykh Statey, Vol. 37, 1949

VOROB'YEV, I.V.

[Rheumatism] Revmatism. Moskva, Medgiz, 1952. 149 p.

(MIRA 6:7)
(Rheumatism)

VOROB'YEV, I.V., prof.

Results of the All-Union Conference on Rheumatic Diseases. Biul.
Uch.med. sov. 2 no.2:30-33 Mr-Apr '61. (MIRA 14:10)
(RHEUMATISM)

VOROB'YEV, I.V., prof.

Present status and prospects of the development of research on
the problem of rheumatism and diseases of the joints in public
health institutes of the R.S.F.S.R. Biul. Uch. med. sov. 2 no.6:
6-9 N-D '61.

(RHEUMATISM)

(JOINTS--DISEASES)

(MIRA 15:1)

S/194/62/000/005/058/157
D256/D308

AUTHORS: Arkhangel'skiy, A.A., Vorob'yev, I.V., and Latyshev, G.D.

TITLE: Experience of industrial application of photoresistors for gamma-ray registration

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 5, 1962, abstract 5-3-61 sh (Fotoelektr. i optich. yavleniya v poluprovodnikakh, Kiev, AN UkrSSR, 1959, 398-400)

TEXT: Preliminary experiments on gamma-ray detection by photoresistors are described, conducted in order to determine the possibilities of applications in defectoscopy, thickness control etc. Co60 gamma-rays were directed upon a thallium activated sodium or cesium iodide crystal and the emitted light was focussed onto the photoresistor. The photocurrent was recorded using a single-valve amplifier. The dependence of the sensitivity of the method upon the thickness of the absorbing material was investigated. Best results were obtained using monocrystalline photoresistors type ФСК-М1 (FSK-MI) Card 1/2

Experience of industrial application ... S/194/62/000/005/058/157
D256/D308

In a number of cases the sensitivity was increased by using additional constant illumination of the photoresistor provided by a special lamp. It is pointed out that it is necessary to increase the sensitivity and reduce the inertness of the photoresistors. [Abstractor's note: Complete translation].

Card 2/2

VOROB'YEV, I.V.

KRISYUK, E.M.; VITMAN, A.D.; VOROB'YEV, V.D.; VOROB'YEV, I.V.; IL'IN, K.I.;
LATYSHEV, G.D.; LISTENGARTEN, M.A.; SERGEYEV, A.G.

Internal conversion in the Pb^{208} atom in 2615 kev transitions.
Izv.AN SSSR.Ser.fiz.20 no.8:883-890 Ag '56. (MLRA 9:12)

1. Kafedra fiziki Leningradskogo instituta inzhenerov zheleznodorozhnogo transporta imeni V.N.Obratzsova.
(Lead--Isotopes)

25(6) 1.0
PHASE I BOOK EXPLOITATION

SOV/2555

Nauchno-tekhnicheskoye obshchestvo priborostroitel'noy promyshlennosti. Ukrainskoye respublikanskoye pravleniye

Novyye metody kontrolya i defektoskopii v mashinostroyenii i priborostroyenii [doklady Respublikanskoy konferentsii] (New Methods of Inspection and Flaw Detection in the Machinery and Instrument-manufacturing Industries [Reports of the Conference Held at Kiyev, 1956]) Kiyev, Gostekhizdat USSR, 1958. 264 p. 4,700 copies printed

Sponsoring Agency: Akademiya nauk USSR.

Ed.: A. Amelin; Tech. Ed.: P. Patsalyuk; Editorial Board: I.I. Greben', B.D. Grozin, A.Z. Zhmudskiy, G.N. Savin (Resp. Ed.), I.D. Faynerman (Dep. Resp. Ed.), and A.A. Shishlovskiy.

PURPOSE: This book is intended for engineers, scientific workers, and technicians dealing with problems of inspection and flaw detection.

COVERAGE: This is a collection of scientific papers presented at a

Card 1/9

SOV/2555

New Methods of Inspection (Cont.)

Arkhangel'skiy, A.A., Engineer, I.V. Vorob'yev, Engineer, O.D. Kovrigin, Engineer, and G.D. Latyshev, Leningradskiy Institut inzhenerov zheleznodorozhnogo transporta (Leningrad Railroad Engineers Institute). Pulse-counting Method of Gamma-ray Flaw Detection 18

Bogdanov, V.I., Candidate of Technical Sciences, Novocherkasskiy politekhnicheskii institut (Novocherkassk Polytechnical Institute). Selection of Radioactive Sources for Measuring Equipment 25

Movchan, B.A., Candidate of Technical Sciences, Institut elektrosvarki imeni Ye.O. Patona, Kiyev (Kiyev Electric Welding Institute imeni Ye.O. Paton). Use of Radioactive Isotopes in the Detection of Flaws in Welds 41

Zhmudskiy, A.Z., Doctor of Technical Sciences, Professor, Gosuniversitet imeni Shevchenko, Kiyev (Kiyev State University imeni Shevchenko). X-ray Diffraction Method of Inspecting Finished Parts 50

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Card-3/9

...ev (Kiyev State University imeni Shevchenko). Use of Electron Microscopy in the Inspection of Structural Materials, UkrSSR). 3

VOROB'YEV, I.V.

AUTHOR: Vorob'yev, I.V., Col

86-1-15/30

TITLE: Control of Flights on the Bombing Range (Rukovodstvo poletami na poligonakh)

PERIODICAL: Vestnik Vozdushnogo Flota, 1958, ⁴⁰ Nr 1, pp. 40-44 (USSR)

ABSTRACT: The article deals with the control of flights on the bombing range. The author begins his article by indicating who, according to the manual, can be assigned to supervise the flights on the bombing range. Then he mentions that the Air Force bombing ranges are divided into several categories. A detailed description of the command post equipment on the bombing range is given. Particular attention is paid by the author to the selection of the location of radar stations and to the identification of air crews over the bombing range. This is followed by the description of work sequence of air crews over the bombing

Card 1/2

Control of Flights on the Bombing Range (Cont.)

86-1-15/30

range and of the actions of the flight supervisor at the command post of the bombing range. One diagram.

AVAILABLE: Library of Congress

Card 2/2

Vorob'yev, I. V.

24(4)

p. 15

PHASE I BOOK EXPLOITATION

SOV/3140

Akademiya nauk Ukrainskoy SSR. Institut fiziki

Fotoelektricheskiye i opticheskiye yavleniya v poluprovodnikakh;
trudy pervogo vsesoyuznogo soveshchaniya po fotoelektricheskim
i opticheskim yavleniyam v poluprovodnikakh, g. Kiyev, 20-26
noyabrya 1957 g (Photoelectric and Optical Phenomena in Semi-
conductors; Transactions of the First Conference on Photoelectric
and Optical Phenomena in Semiconductors...) Kiyev, 1959. 403 p.
4,000 copies printed.

Additional Sponsoring Agency: Akademiya nauk SSSR. Prezidium.
Komissiya po poluprovodnikam.

Ed. of Publishing House: I. V. Kisina; Tech. Ed.: A. A. Matveychuk;
Resp. Ed.: V. Ye. Lashkarev, Academician, Ukrainian SSR, Academy
of Sciences.

PURPOSE: This book is intended for scientists in the field of semi-
conductor physics, solid state spectroscopy, and semiconductor

Card 1/16

Photoelectric and Optical Phenomena (Cont.)

SOV/3140

devices. The collection will be useful to advanced students in universities and institutes of higher technical training specializing in the physics and technical application of semiconductors.

COVERAGE: The collection contains reports and information bulletins (the latter are indicated by asterisks) read at the First All-Union Conference on Optical and Photoelectric Phenomena in Semiconductors. A wide scope of problems in semiconductor physics and technology are considered: photoconductivity, photoelectromotive forces, optical properties, photoelectric cells and photoresistors, the actions of hard and corpuscular radiations, the properties of thin films and complex semiconductor systems, etc. The materials were prepared for publication by E. I. Rashboy, O. V. Snitko, K. B. Tolpygo, A. F. Lubchenko, and M. K. Sheynkman. References and discussion follow each article.

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Card ~~15~~/16

VOROB'YEV, Il'ya Vladimirovich; GILEV, Nikolay Konstantinovich;
DREKHSLER, Maksimilian Maksimilianovich; TATSKEVICH, V.A.,
red.

[New limbing machines] Novye suchkoreznye mashiny. Moskva,
Izd-vo "Lesnaia promyshlennost'," 1964. 105 p.
(MIRA 17:7)

VOROB'YEV, Il'ya Vladimirovich; SIMONOV, Mikhail Nikiforovich;
MOSKVITIN, Aleksandr Ivanovich

[Work practices on the OK-35 bark stripping machines at
the Isakogorka Lumber Transshipment Supply Base] Opyt
raboty na okorochnykh stankakh OK-35 Isakogorskoj lesoc-
perevalochnoi bazy. Moskva, Goslesbunizdat, 1963. 16 p.
(MIRA 17:10)

VOROB'YEV, Il'ya Vladimirovich; SIMONOV, Mikhail Nikiforovich;
ZAKHAROV, Vladimir Vasil'yevich

[Handbook on the operation of the OK-35 and OK-66 bark-
stripping machines] Rukovodstvo po ekspluatatsii oko-
rochnykh stankov OK-35- i OK-66. Moskva, Lesnaia pro-
myshlennost', 1965. 137 p. (MIRA 19:1)

VOROB'YEV, I.V., prof.

Malicious streptococcus. Zdorov'e 9 no.4:12-13 Ap'63. (MIRA 16:7)
(RHEUMATIC FEVER)

VOROB'YEV, I.V., prof.

Malicious streptococcus. Zdorov'e 9 no.4:12-13 Ap'63.(MIRA 16:7)
(RHEUMATIC FEVER)

VOROB'YEV, I. V. I

7665. VOROB'YEV, I. V. I.-- Diskovyy okorochnyy stanok TsNIIME-OD. M. - L.,
Goslesbumizdat, 1954. 20 s. s. chert. 20 sm. (V pomoshch' Mekhanizatoram
lesozagotovok) 5.000 ekz. 55K--(55-3560)P

634.98.0025

SO: Knizhnaya Letopsis', Vol. 7, 1955

VOROBYEV, I. V.

USSR/ Miscellaneous - Industrial machines

Card : 1/1 Pub. 71 - 8/17

Authors : Vorobyev, I. V., and Chevazgeviskiy, A. P., Engineers

Title : Stripping machines

Periodical : Mekh. trud. rab. 4, 21 - 23, June 1954

Abstract : Various types of bark stripping machines (mobile and stationary), presently used by the lumber industry of the USSR, are described. Illustrations.

Institution : ...

Submitted : ...

VOROB'YEV, Il'ya Vladimirovich; LOS', Anatoliy Petrovich; ZHURAVLEV, B.A..
red.; BEL'CHENKO, N.I., red.izd-va; KARASIK, N.P., tekhn.red.

[Cambio debarkers; operating manual] Okorochnye stanki tipa
"Kambio"; rukovodstvo po ekspluatatsii. Moskva, Goslesbumizdat,
1958. 53 p. (MIRA 12:4)

(Bark peeling)

BELEN'KIY, Aleksandr Davydovich; NUSHTAYEV, Vladimir Vasil'yevich;
NOGAYEV, Vasil'y Mikhaylovich; VOROB'YEV, I.Ye., inzh., retsen-
zent; KISELEVA, N.P., inzh., red.; USENKO, L.A., tekhn. red.

[Performance of diesel locomotives on lengthened haul distances;
experience of the Ashkhabad Railroad] Rabota teplovozov na udlinen-
nykh uchastkakh obrashcheniia; opyt Ashkhabadskoi dorogi. Moskva,
Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia ,
1961. 78 p. (MIRA 14:12)

(Diesel locomotives--Performance)

VOROB'YEV, I.Ye.; BULANKOV, L.V.

Make full use of the potentials for increasing the efficiency of electric and diesel traction. Elek.i tepl.tiaga 6 no.5:1+3
My '62. (MIRA 15:6)

1. Zamestitel' nachal'nika Glavnogo upravleniya lokomotivnogo khozyaystva Ministerstva putey soobshcheniya (for Vorob'yev).
2. Nachal'nik otдела эксплуатации Glavnogo upravleniya lokomotivnogo khozyaystva Ministerstva putey soobshcheniya (for Bulankov).

(Electric locomotives)

(Diesel locomotives)

3(7)

AUTHOR:

Vorob'yev, I. Ye.

SOV/50-59-8-13/19

TITLE:

Comparability of the Wind-velocity Values Calculated by the Data of the Anemometer With Those Observed by Means of an Anemoscope (Sravnimost' rasschitannykh velichin skorosti vetra po dannym anemometra s nablyudennymi po flyugeru)

PERIODICAL:

Meteorologiya i gidrologiya, 1959, Nr 8, pp 37-38 (USSR)

ABSTRACT:

In the investigation carried out here, the data of two stations - Voyeykovo and Yerbent (peski Karakumy) - with climatically and physical-geographically completely different conditions were used. They are data from simultaneous observations of wind velocities at different altitudes: in the first place at an altitude of 1, 3 and 11 m, and in the second place at an altitude of 3 and 11 m. In Voyeykovo, the measurements were carried out by a hand anemometer at the first two altitudes, and by an anemoscope on the third level. In Yerbent, the measurement was made by a hand anemometer on the lower level, and by an anemoscope on the upper one. About 200 observation series were carried out in each place. The observation material investigated showed that in both places there were great differences between

Card 1/2

SOV/50-59-8-13/19

Comparability of the Wind-velocity Values Calculated by the Data of the Anemometer With Those Observed by Means of an Anemoscope

the values obtained for the wind velocity on the 11-m level by anemoscope, and those calculated on the basis of anemometer indications at an altitude of 1 and 3 m. The amount of error in the values calculated depends on the wind character and the wind velocity, this dependence being different for places with different climatic and physical-geographical conditions.

Card 2/2

VOROB'YEV, I.Ye.

Improve the utilization of locomotives. Zhel.dor.transp.
47 no.12:9-15 D '65. (MIRA 18:12)

1. Zamestitel' nachal'nika Glavnogo upravleniya dvizheniya
Ministerstva putey soobshcheniya.

VOROB'YEV, I.Ye., inzh.; KOGOSOV, B.Ye., inzh., red.; SAZONOV, A.G., inzh.,
red.; VERINA, G.P., tekhn.red.

[Handbook for steam locomotive engineers] Rukovodstvo parovoznomu
mashinistu. Moskva, Gos. transp. zhel-dor. izd-vo, 1958. 310 p.
(MIRA 11:12)

1. Russia (1923- U.S.S.R.) Ministerstvo putey soobshcheniya.
(Locomotives--Maintenance and repair)

AKSENFEL'D, M.A.; VEL'GANENKO, I.V.; VOROB'YEV, I.Ye.

Work of the automatic calorimeter during the heating of
coke ovens with blast-furnace gas. Koks i khim. No.1:67
'64. (MIRA 17:2)

1. Dnepropetrovskiy koksokhimicheskiy zavod.

VOKUB/EV; 1.72.

PHASE I BOOK EXPLOITATION

807/1732

Leningrad. Glavnaya geofizicheskaya observatoriya
Metodika meteorologicheskikh nablyudeniy (Methodology of Meteorological
Observations) Leningrad, Gidrometeoizdat, 1956. 153 p. (Series:
Iz: Trudy, v. 61. /123/ 1,400 copies printed.

Sponsoring Agency: USSR. Glavnoye upravleniye gidrometeorologicheskoy
plushby

Ed. (title page): S.I. Pivovarov, Candidate of Geographical Sciences;
Ed. (inside book): Ye. I. Oksanova; Tech. Ed.: I.P. Shumikhin.

PURPOSE: This collection of articles is intended for meteorologists
serving with the hydrometeorological network in the Soviet Union.

COVERAGE: The publication contains scientific articles on the methods
of meteorologic observations and on the procedure of testing
meteorological instruments. The possibility of reducing the errors
and thus securing more accurate results in observations are shown
by mathematical computations and graphs. The need for a universal
portable instrument that would be capable of instantly recording
cloud height is emphasized. The articles are accompanied by
maps, diagrams, tables and references.

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D'yachenko, P.V. A Measuring Device for Testing Wind Anemometers	105
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Vorob'ev, I.Ye. Errors in Surface Mercury Thermometers	135
Pateyev, N.P. Methodology for Determining the Altitude of the Lower Surface of Clouds	137
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Card 3/4	

VOROB'YEV, I. Ye.

3(7)

PHASE I BOOK EXPLOITATION

SOV/1719

Leningrad. Glavnaya geofizicheskaya observatoriya

Metodika meteorologicheskikh nablyudeniy (Methods of Meteorological Observation) Leningrad. Gidrometeoizdat, 1958. 55 p. (Series: Its: Trudy, vyp. 86) 1,200 copies printed.

Additional Sponsoring Agency: USSR. Glavnoye upravleniye gidrometeorologicheskoy sluzhby.

Ed. (Title page): Z.I. Pivovarova, Candidate of Geographical Science;
Ed. (Inside book): T.V. Ushakova; Tech. Ed.: N.V. Volkov

PURPOSE: This issue is intended for meteorologists and especially for personnel of the hydrometeorological service.

COVERAGE: This issue discusses the methodology of meteorological, actinometric and gradient measurements and the processing of such data. Subdivisions of meteorology covered in some detail include:

Card 1/3

Methods of Meteorological Observation

SOV/1719

snow density, daily variation of relative humidity, soil temperature measurements, estimation of quantitative cloud cover, wind velocity measurement, and others. Individual articles are accompanied by bibliographic references.

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<u>Vorob'yev, I.Ye. Comparing a Visual Estimation of the Amount of Cloudiness With an Estimation Using a Recticule [spherical grid]</u>	22

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AVAILABLE: Library of Congress		

MM/jmr
5-21-59

Card 3/3

VOROB'YEV, I.Ye., inzh.

Power limit of condensing electric power plants of the Ukrainian
S.S.R. taking into account air pollution. Energ. i elektrotekh.
prom. no.3:57-60 J1-S '64. (MIRA 17:11)

VOROB'YEV, I.Ye.

Comparing the visual evaluation of the amount of cloudiness with
the evaluation carried out by means of nets. Trudy GGO no.86:22-24
' 58.

(Clouds)

(MIRA 11:11)

~~VOROB'YEV, I. Y.~~

Investigation of sheltered aspiration psychrometers in open spaces
at high wind speeds. Trudy 000 no. 43:63-72 '54. (MIRA 11:5)
(Hydrometry)

VOROB'YEV, I.Ye. (Leningrad)

Rainbow and dusk. Priroda 50 no. 3:26 Mr '61. (MIRA 14:2)
(Rainbow)

VOROB'YEV, I.Ye.

Deficiencies of mercury ground thermometers. Trudy GGO no.61:135-136
'56. (MLRA 10:7)

(Thermometers)

VOROB'YEV, I.Ye.

On cloud altitudes. Trudy GGO no.61:143-146 '56. (KERA 10:7)
(Clouds--Measurement)

VOROB'YEV, I. Ye.
 ALFEROV, A.A.; ARTEMKIN, A.A.; ASHKENAZI, Ye.A.; VINOGRADOV, G.P.; GALEYEV,
 A.U.; GRIGOR'YEV, A.N.; D'YACHENKO, P.Ye.; ZALIT, N.N.; ZAKHAROV,
 P.M.; KOBNIN, N.P.; IVANOV, I.I.; IL'IN, I.P.; KMETIK, P.I.; KUDRYA-
 SHOV, A.T.; LAPSHIN, P.A.; MOLYARCHUK, V.S.; PEETSOVSKIY, L.M.;
 POGODIN, A.M.; RUDOV, M.L.; SAVIN, K.D.; SIMONOV, K.S.; SITKOVSKIY,
 I.P.; SITHIK, M.D.; TETREEV, B.K.; TSETYKIN, I.Ye.; TSUKANOV, P.P.;
 SHADIKYAN, V.S.; ADELUNG, N.N., retsenzent; AFANAS'YEV, Ye.V., retsen-
 zent; VIASOV, V.I., retsenzent; VOROB'YEV, I.Ye., retsenzent; VORO-
 NOV, N.M., retsenzent; GRITCHENKO, V.A., retsenzent; ZHEREBIN, M.H.,
 retsenzent; IVLIYEV, I.V., retsenzent; KAPORTSEV, N.V., retsenzent;
 KOCHUROV, P.M., retsenzent; KRIVORUCHKO, N.Z., retsenzent; KUCHKO,
 A.P., retsenzent; LOBANOV, V.V., retsenzent; MOROZOV, A.S., retsen-
 zent; ORLOV, S.P., retsenzent; PAVLUSHKOV, E.D., retsenzent; POPOV,
 A.N., retsenzent; PROKOF'YEV, P.P., retsenzent; RAKOV, V.A., retsen-
 zent; SINEGUBOV, N.I., retsenzent; TEREININ, D.F., retsenzent; TIKHO-
 MIROV, I.G., retsenzent; URBAN, I.V., retsenzent; FIALKOVSKIY, I.A.,
 retsenzent; CHEPYZHEV, B.F., retsenzent; SHEBYAKIN, O.S., retsenzent,
 SHCHERBAKOV, P.D., retsenzent; GARNYK, V.A., redaktor; LOMAGIN, N.A.,
 redaktor; MORDVINKIN, N.A., redaktor; NAUMOV, A.N., redaktor; POBE-
 DIN, V.F., redaktor; RYAZANTSEV, B.S., redaktor; TVERSKOY, K.N.,
 redaktor; CHEREVATYY, N.S., redaktor; ARSHINOV, I.M., redaktor;
 BABELYAN, V.B., redaktor; BERNGARD, K.A., redaktor; VERSHINSKIY, S.V.,
 redaktor; GAMBURG, Ye.Yu., redaktor; DNRIBAS, A.T., redaktor;
 DOMEROVSKIY, K.I., redaktor; KORNEYEV, A.I., redaktor; MIKHEYEV, A.P.,
 redaktor

(Continued on next card)

ALFEROV, A.A. ---- (continued) Card 2.

MOSKVIN, G.N., redaktor; RUBINSHTEYN, S.A., redaktor; TSYPIN, G.S.,
redaktor; CHERNYAVSKIY, V.Ya., redaktor; CHERNYSHEV, V.I., redaktor;
CHERNYSHEV, M.A., redaktor; SHADUR, L.A., redaktor; SHISHKIN, K.A.,
redaktor

[Railroad handbook] Spravochnaia knizhka zheleznodorozhnika, Izd.
3-e, ispr. i dop. Pod obshchei red. V.A.Garnyka. Moskva, Gos.
transp.zhel-dor. izd-vo, 1956. 1103 p. (MLRA 9:10)

1. Nauchno-tehnicheskoye obshchestvo zheleznodorozhnogo transporta.
(Railroads)

TRUBITSYN, Ye.G., inzhener; VOROB'YEV, I.Ye., inzhener, redaktor; KHITROV,
P.A., tekhnicheskii redaktor.

[Engineers of heavy trains; collection of articles] Mashinisty-tiashe-
lovesniki; sbornik statei. Moskva, Gos. transportnoe zheleznodorozh-
noe izd-vo, 1954. 135 p. (MIRA 8:5)
(Railroads--Traffic)

MAMCHENKO, V.P., inzhener; VOROB'YEV, I.Ye., inzhener, redakter; VERINA, G.P., tekhnicheskii redakter;

[Experience in improving the operation of locomotives] Opyt uluchsheniia ispol'zovaniia parevozov. [Sest. V.P.Mamchenko, redakter L.E.Vorob'ev] Moskva, Gos. transp. zhel-der. izd-vo, 1955. 29 p. (Locomotives) (MLBA 9:4)

VOROB'YEV, I. Ye.

36-72-12/13

AUTHOR: Vorob'yev, I. Ye.

TITLE: A Nephoscopic Method of Determining Cloud Height (Nefoskopicheskiy metod opredeleniya vysoty oblakov)

PERIODICAL: Trudy Glavnoy geofizicheskoy observatorii, 1957, Nr 72, pp. 134-138 (USSR)

ABSTRACT: A nephoscopic method for measuring cloud height under stable weather conditions, based on the law of logarithmic distribution of wind velocity with height, is described. It consists in the following: after determining the amount of time (t) it takes a cloud to pass between the teeth of a nephoscope, and the position of the nephoscoped cloud over the horizon and the velocity of surface wind (v), the height of the nephoscoped cloud is determined according to a table worked out on the basis of the following two formulas:

$$u = u_1 \frac{\log z - \log z_0}{\log z_1 - \log z_0}, \quad (1)$$

where u = wind velocity at a given height; u_1 = wind velocity determined by a weather vane; z = a given height; z_1 = height of a weather vane, 12 m; z_0 = coefficient of roughness, 0.05 m;

Card 1/2

36-72-12/13

A Nephoscopic Method of Determining Cloud Height. (Cont.)

$$t = \frac{nH}{10v}$$

where t = time it takes a cloud to pass between the teeth of a nephoscope;
 n = number of teeth passed by the nephoscoped cloud; H = given cloud height;
 v = velocity of cloud (wind) at a given height, calculated according to
 formula (1); 0.2 = distance (in meters) from observer's eye level to the
 point of the nephoscope teeth. The author finds that the nephoscopic method
 is the most accurate of those available for measuring cloud height under stable
 weather conditions. The article contains 3 tables. No authors are mentioned.

AVAILABLE: Library of Congress

Card 2/2

VOROB'YEV, I. Ya.

Water evaporation from the rain gauge and precipitation receiver in
natural desert conditions. Trudy GGO no. 43:73-77 '54. (MIRA 11:5)
(Evaporation)

(Precipitation (Meteorology)—Measurement)

VOROB'YEV, I.Ye.

"Procedure for Observations on the Cloudiness and Temperature of Air at High-Mountain Stations."

"Procedures for Meteorological Observations." No 34 (96), 1952, page 69.

VOROB'YEV, I.Ye.

Nephoscopic method for determining the altitude of clouds.

Trudy. 000 no. 72:134-138 '57.

(MIRA 10:11)

(Clouds)

VOROB'YEV, I. Ye.

"Influence of the Inhomogeneity of Aspiration Within the Psychrometric Box Upon the Readings of Thermometers," Meteorol. i gidrologiya, No 9, 1953, pp 49-50

The temperature of the dry and wet thermometer with a psychrometric box at various parts of the box can differ by 0.20-0.30. In particular, the wet thermometer in the windy part of the box indicates a temperature 0.2° lower on the average than in the down-wind part. Thus, rather considerable errors can occur in the determination of the vapor tension (up to 1.2 millibars) and relative humidity (%). (RZhGeol, No 5, 1954)

SO: Sum No. 568, 6 Jul 55

VEROD-157, 1. 10.

"Study of Aspiration in a Booth in an Open Space at High Wind Velocities," Tr.
Gl. geofiz. observ., No 43, 1955, pp 63-72

The use of a constant coefficient in the psychrometric formula is proven to lead
to considerable errors in determining the air humidity by a psychrometer in a booth, if
aspiration is not taken under consideration. (RZhFiz, No 7, 1955) SO: Sum.No. 713, 9
Nov 55

VOROB'YEV, I.Ye., mladshiy nauchnyy sotrudnik

Observations of the cloud conditions in the area of Soviet Antarctic
stations. Inform. biul. Sov. antark. eksp. no.38:33-36 '63.
(MIRA 16:7)

1. Glavnaya geofizicheskaya observatoriya im. A.I.Voyeykova.
(Antarctica—Clouds)

SUKHORUKOV, Fedor Vasil'yevich; SIBIRYAKOV, Vasil'y Nikolayevich;
SOLOMONIK, Yakov Abramovich; VOROB'YEV, Ivan Yegorovich;
VASIKOV, Ivan Nikitich; TROITSKIY, P.S., nauchn. red.

[Fire extinction equipment] Pozharnaya tekhnika. Moskva,
Stroizdat, 1965. 286 p. . (MIRA 18:2)

VOROB'YEV, M.A.

Organizing repair operations for fuel distributing columns.
Transp. i Khran. nefti i nefteprod. no. 2:33-36 '64.

(MIRA 17:5)

1. Glavnoye upravleniye po transportu i snabzheniyu nefti i
i nefteproduktami RSFSR.

PROKOF'YEV, G., starshiy tekhnik-leytenant; FEDOROVSKIY, B., kapitan;
KASATKIN, B., inzh.-mayor; LITVINOV, V., inzh.-kapitan; SKLYARSKIY, O.,
inzh.-kapitan; VOROB'YEV, K., inzh.-podpolkovnik

Suggestions, comments. Av.i kosm. 46 no.7:81-86 J1 '63.
(MIRA 16:8)
(Aeronautics)

VOROB'YEV, K., inzhener-mayor

Tank for liquid oxygen. Vest. Vozd. Fl. no.12:82-83 D '61.
(MIRA 15:3)
(Liquid oxygen—Storage)

VCROB'YEV, K. A.

Mbr., Far Eastern Base, Acad. Sci., -1947-

"Results of Ornithological Investigations in the Southern Ussurian Region in 1946,"
Dok. AN, 57, No. 3, 1947

"Ornithofauna of the Kurile Islands," Dok. AN, 57, No. 4, 1947

VOROB'YEV, K.A.

USSR/Medicine - Birds
Medicine - Taxonomy

Apr 49

"Some Results of Ornithological Studies in the
Maritime Territory," K. A. Vorob'yev, Far Eastern
Base, Acad Sci USSR, 4 pp

"Dok Ak Nauk SSSR" Vol LXV, No 4

Describes 11 rare and little-known bird types
found in the Sikhote-Alin State Preserve. Sub-
mitted by Acad Ye. N. Pavlovskiy, 2 Feb 49.

41/49T55

Author: Vorob'ev, K.A.

Title: New data on the birds of the Ussuri region.

Journals: Izvestiya Akademii Nauk SSSR, 1951, Vol.77, No.1, p. 141

Subject: Zoology

From: D.S.I.R. Oct 51

VOROB'EV, K. A.

Author: Vorob'ev, K.A.

Title: New variety of Indian cuckoo - Cuculus micropterus osnovi
subsp. nova.

Journal: Doklady Akademii Nauk SSSR, 1951, Vol.77, No.3, p. 511

Subject: Zoology

From: D.S.I.R. Oct 51

VOROB'YEV, K. A.

Owls

Provisions of the sparrow owl. Priroda 41 no. 7, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1952. Unclassified.
2

VOROB'YEV, K.A.

Mergansers--Ussuri Territory

Squamose merganser in the Ussuri Territory. Priroda 41, no. 9, 1952.

DECEMBER 1952

9. Monthly List of Russian Accessions, Library of Congress, _____ ~~1953~~ Unclassified.

VOROB'YEV, K.

Badkhyz Preserve

In the Badkhyz Preserve. Vokrug sveta No. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

VOROB'YEV, K., kandidat biologicheskikh nauk.

Birds from the tropics. Volkrug sveta no.6:9 Je '53.

(MLBA 6:6)
(Drongo)

VOROB'YEV, K. A.

PHASE I

TREASURE ISLAND BIBLIOGRAPHICAL REPORT

AID 319 - I

BOOK

Call No.: IR-177-54

Author: VOROB'YEV, K. A.

Full Title: BIRDS OF THE USSURI COUNTRY

Transliterated Title: Ptitsy Ussuriyskogo kraya

Publishing Data

Originating Agency: Academy of Sciences, USSR. Far East Section

Publishing House: Publishing House of the Academy of Sciences, USSR.

Date: 1954

No. pp.: 360

No. of copies: 3,000

Editorial Staff

Editor: Dement'yev, G. P.

Tech. Ed.: None

Editor-in-Chief: None

Appraiser: None

Text Data

Coverage: This is a very complete atlas of birds found in the Ussuri region of the Maritime Province RSFSR (Primor'ye). Each bird is described in detail, also its ethology, habits, biota, migration, molting, food, roosting, color of feathers, flight, etc., as well as geographic distribution and systematic division. The atlas is supplied with numerous pictures, many of them in color. There is also in some places a short description of the scenery and landscape of

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Ptitsy Ussuriyskogo kraya

AID 319 - I

the region giving a necessary background for the birds habitat and ethology.

Purpose: This monograph is intended for those interested and studying the ornitho-fauna of the Soviet Far East.

Facilities: None

No. of Russian and Slavic References: 202 (from 1855 up to 1952)

Available: A.I.D., Library of Congress.

2/2

VOROB'YEV, K. A.

"The Ornithological Fauna of the Ussuriyskiy Kray and Its Zoogeographic Analysis."
Dr Biol Sci, Inst of Zoology, Acad Sci USSR, Leningrad, 1955. (KL, No 18, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended
at USSR Higher Educational Institutions (16).

VOROB'YEV, K.A.

Data on the ornithological fauna of Badkhyz (southeastern Turkmenia). Zool.shur. 34 no.4:898-901 J1-Ag '55.
(MIRA 8:9)

1. Nauchno-issledovatel'skaya biologicheskaya stantsiya
"Borok" Akademii nauk SSSR
(Badkhyz--Birds)

VOROB'YEV, K. A.

USSR/Biology--Ornithology

Card 1/1 Pub. 86--36/39

Authors : Turov, S. S.

Title : Birds of the Ussuri region

Periodical : Priroda 44/1, page 124, Jan 1955

Abstract : A review is made of the book, "Birds of the Ussuri Region," by K. A. Vorob'ev, published in 1954 by the Publishing Office of the Acad. of Sc. of the USSR, and containing 360 pages. The book is said to be the first to give full information about bird life in the region near the Pacific. All the comments are favorable.

Institution :

Submitted :

VOROB'YEV, K. A.
USSR/Biology - Ornithology

Card 1/1 Pub. 66 - 20/36

Authors : Vorob'yev, K. A.

Title : Winter nesting of cross-bills

Periodical : Priroda 44/6, 107 - 108, Jun 1955

Abstract : An account is given of the habits of the cross-bill (*Loxia curvirostra*)
in the Tura district of the Yenisey district in the
Krasnoyarsk Territory. The birds are found in the
Tura district in the Yenisey district in the
Krasnoyarsk Territory.

Institution :

Submitted :

VGROB'YEV, K.A.

Zoogeographical characteristics of the ornithofauna of
Yakutia. Ornithologia no.6:49-57 '63. (MIRA 1986)

VOROB'YEV, K.A., doktor biolog. nauk

Asiatic white crane in Yakutia. Priroda 54 no.4:88-90 Ap '65.
(MIRA 18:5)

1. Yakutskiy filial Sibirskogo otdeleniya AN SSSR.

VOROB'YEV, Konstantin Aleksandrovich; DEMENT'YEV, G.P., doktor biol.
nauk, otv. red.; BEME, R.L., red.; BROVKINA, Ye.T., red.
izd-va; LAUT, V.G., tekhn. red.

[Birds of Yakutia] Ptitsy Iakutii. Moskva, Izd-vo AN SSSR,
1963. 334 p. (MIRA 17:1)

VOROB'YEV, K.A.

Results of ornithological research in the Cherskiy Range.

Ornitologiya no.2:115-121 '59.

(MIRA 14:7)

(Cherskiy Range--Birds)

SYCHEV, Yu.N.; VOROB'YEV, K.G.

Improving oil-feeding collars. Mashinostroitel' no. 2:12-13 P. 61.

(MIR 14:2)

(Lubrication and lubricants)

VOROB'YEV, K.G.; SYCHEV, Yu.N.

Friction disks with a cermet layer. Mashinostroitel' no.5:21
My '60. (MIRA 14:5)
(Clutches (Machinery))

VOILOB'YEV, K.O.; SYCHEV, Yu.N.

Modernization of press forging equipment at the Likhachev
Automobile Plant in Moscow. Kuz.-shtam.proizv. 2 no.1:27-33
Ja '60.. (MIRA 13:5)

(Moscow--Automobile industry)
(Forging machinery)

SYCHEV, Yu.N., inzh.; VOROB'YEV, K.G., inzh.

Mechanizing heavy and labor-consuming operations in re-
pairing forging machines. Mashinostroitel' no.3:4-5
Mr '60. (MIRA 13:6)
(Forging machinery—Maintenance and repair)

RAKHILIN, V., starshiy nauchnyy sotrudnik; VOROB'YEV, K.A., doktor biol. nauk.

Nature preserves. IUn. nat. no.11:29-31 N '58. (MIRA 11:12)

1. Sikhote-Alin'skiy zapovednik "Abrek," Ussuriyskiy kray.
(Sikhote-Alin' preserve)

AUTHOR: Vorob'yev, K. A. 20-119-3-61/65

TITLE: On the Biology of Propagation of Some Species of the Arkticheskaya (Arctic) and Amerikanskaya (American) Ornithofauna in North-Eastern Yakutiya (K biologii razmnozheniya nekotorykh predstaviteley arkticheskoy i amerikanskoy ornitofauny v severo-vostochnoy Yakutii)

PERIODICAL: Doklady Akademii Nauk SSSR, 1958, Vol. 119, Nr 3, pp. 609-612 (USSR)

ABSTRACT: In summer 1957 the author made an exploring expedition in the mentioned region. The northeastern tundra is difficultly accessible and therefore is a "blank" with respect to animal geography in maps on the subject. In spite of high north latitudes a rich and peculiar fauna was found here. (60 kinds of birds). 31 of these kinds were characteristic for the tundra. Of special interest among them are the Canadian cranes mentioned in the following and the American snipe-like M. griseus scolopaceus which were found for the first time nesting in Yakutiya (in the USSR so far only in the peninsula Chukotka). By the discovery of these two kinds their propagation area is considerably extended to the west, which is very interesting from the point of view of animal geography. Somateria stelleri

Card 1/3